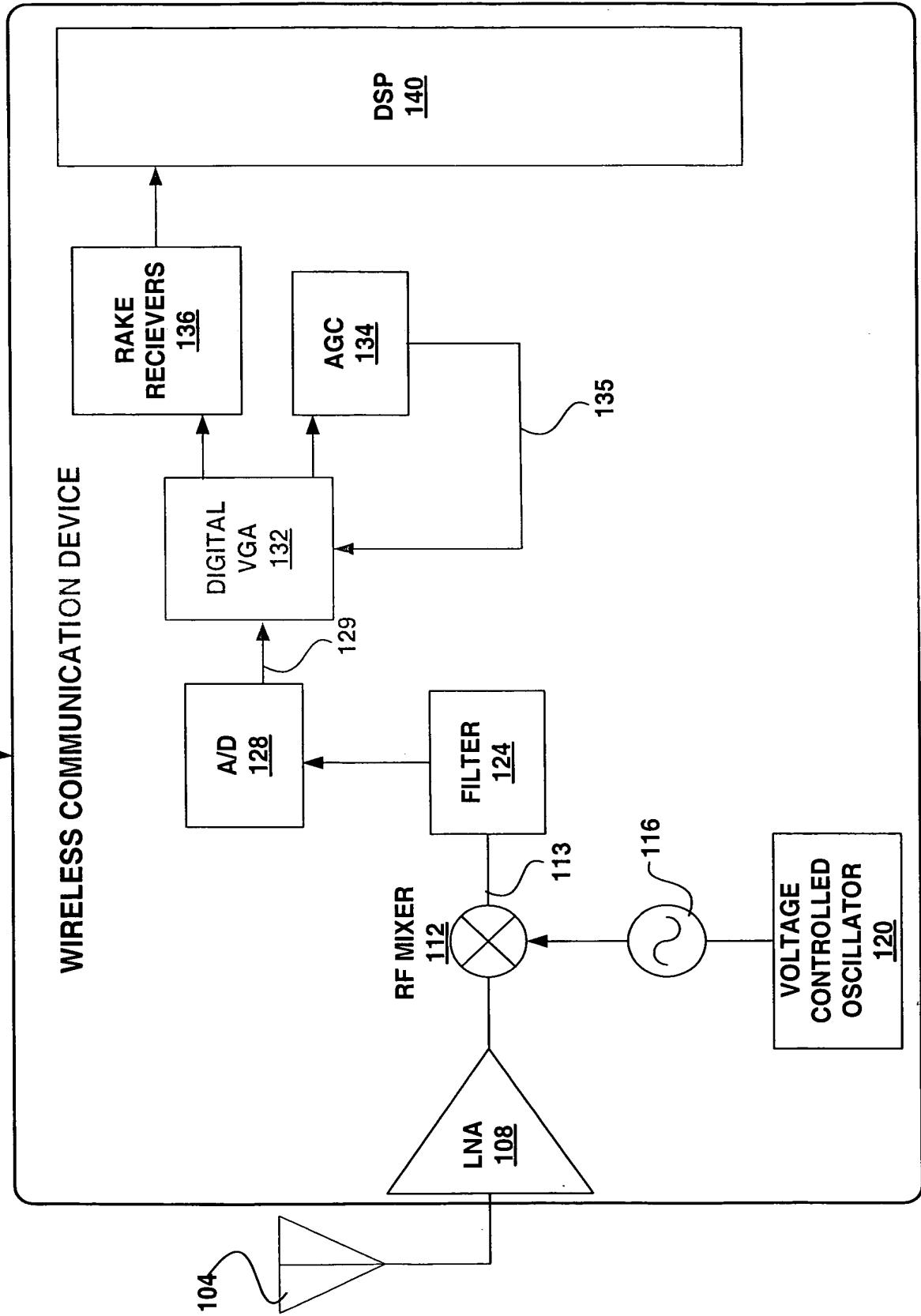


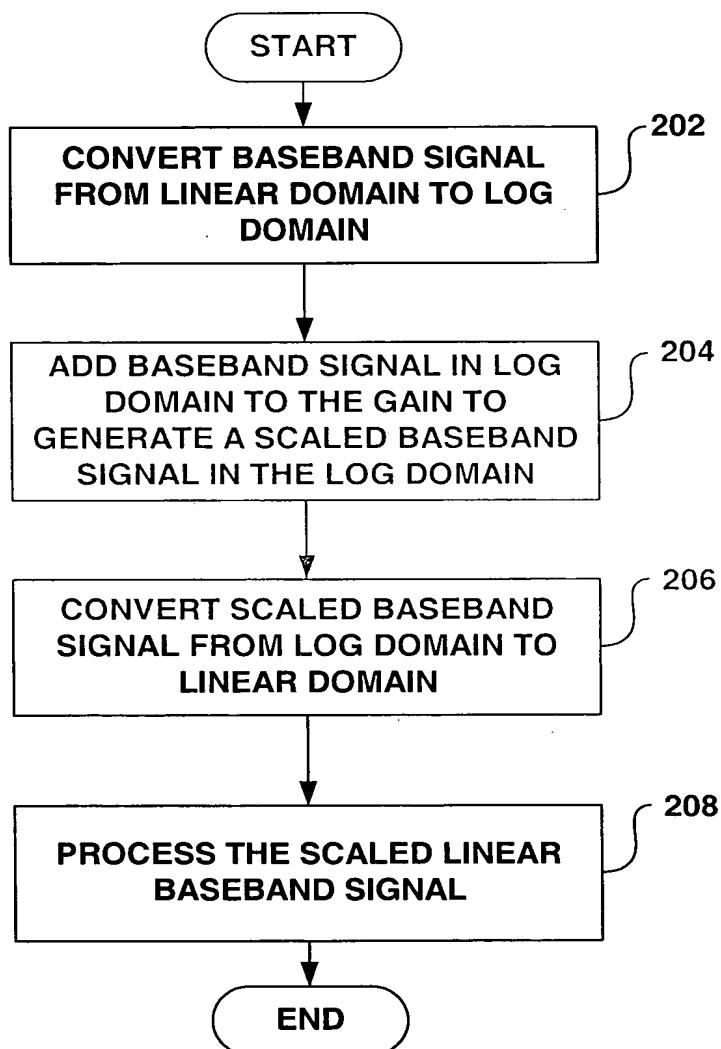
APPLICANT: RAGHU CHALLA  
TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE  
ATTORNEY/AGENT: GEORGE C. PAPPAS  
REG. NO. 35,065 TELEPHONE: (858) 651-1306  
DOCKET NO.: 010419 SHEET 1 OF 10

FIG. 1



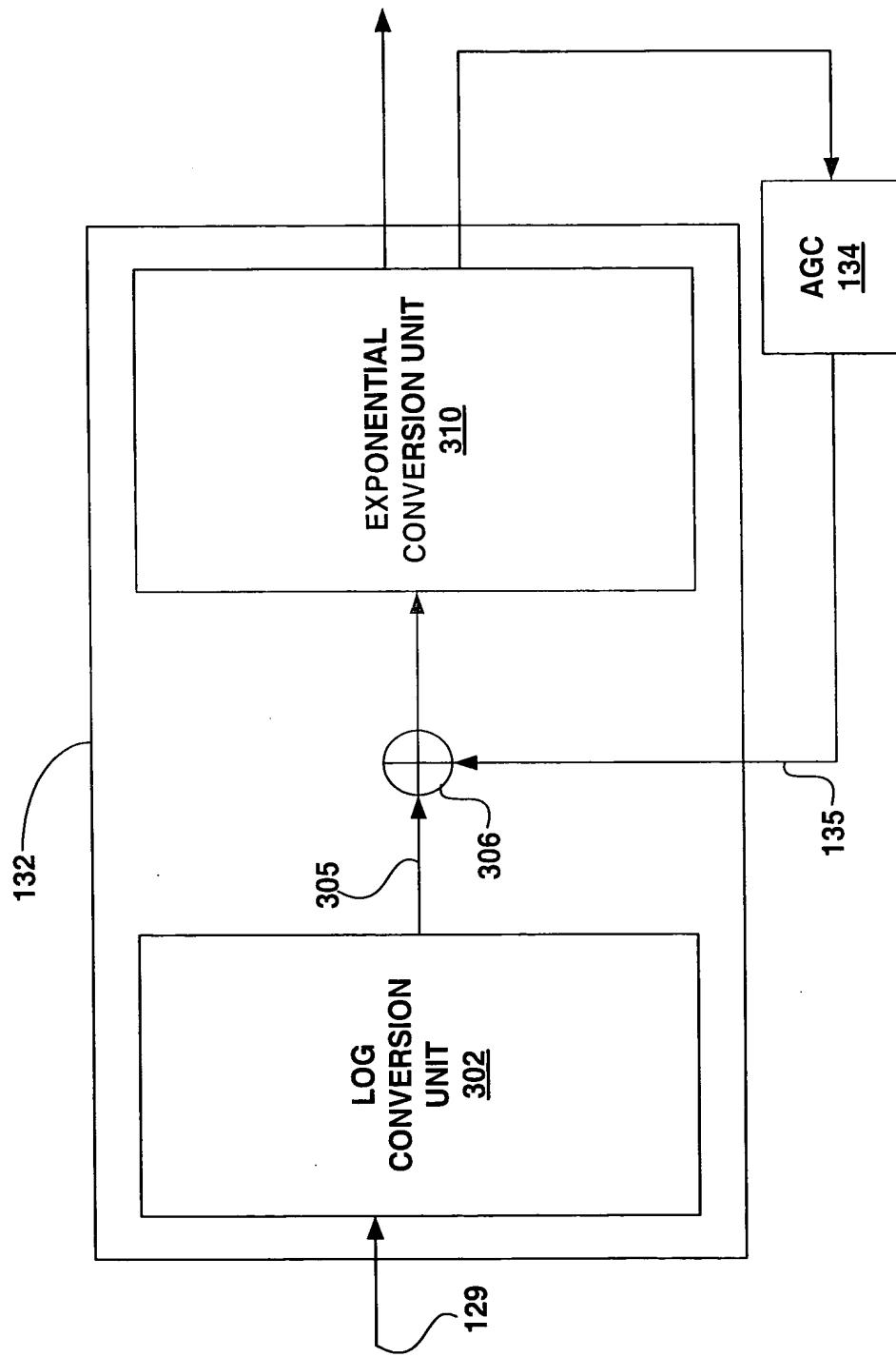
APPLICANT: RAGHU CHALLA  
TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE  
ATTORNEY/AGENT: GEORGE C. PAPPAS  
REG. NO. 35,065 TELEPHONE: (858) 651-1306  
DOCKET NO.: 010419 SHEET 2 OF 10

**FIG. 2**



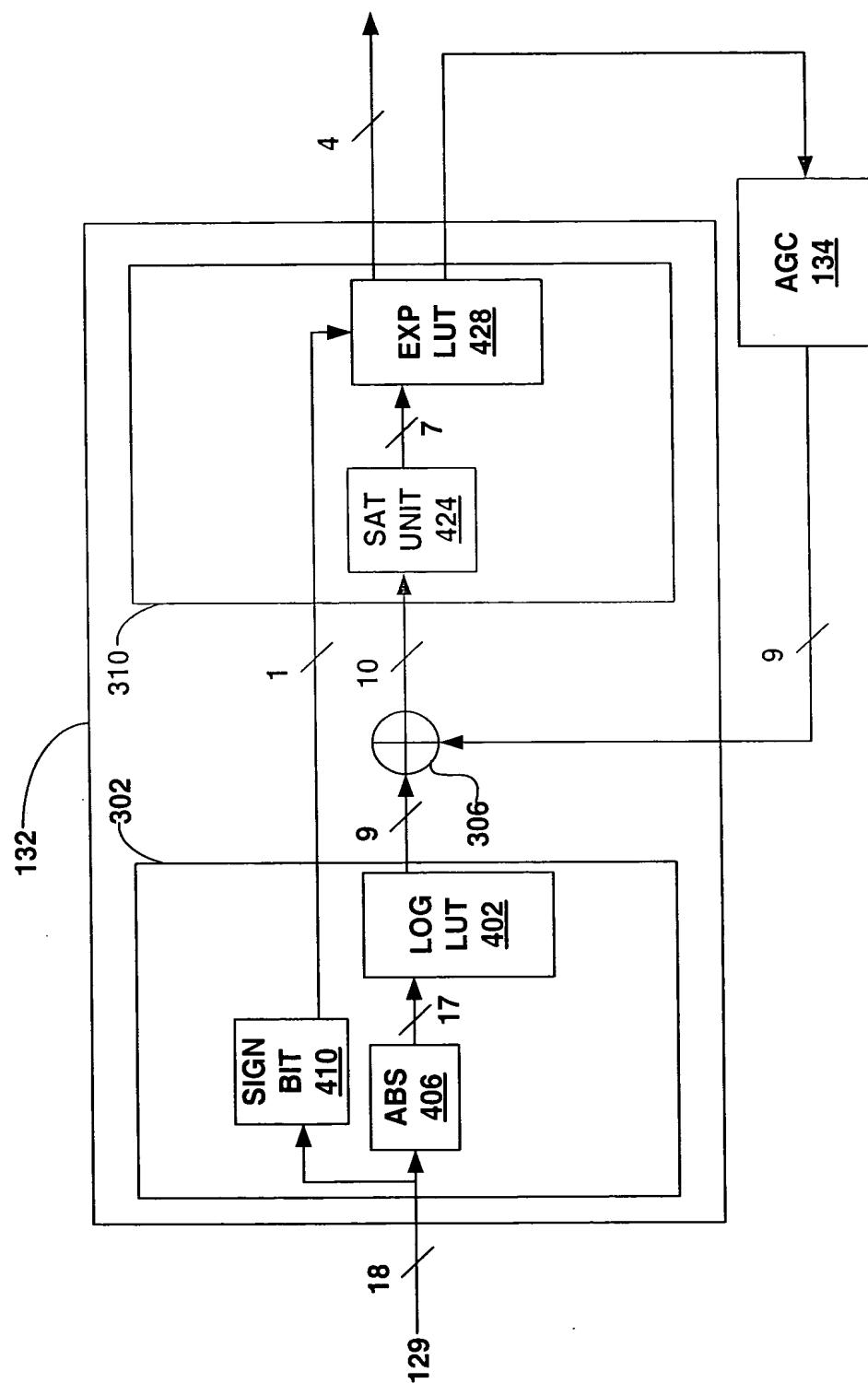
APPLICANT: RAGHU CHALLA  
TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE  
ATTORNEY/AGENT: GEORGE C. PAPPAS  
REG. NO. 35,065 TELEPHONE: (858) 651-1306  
DOCKET NO.: 010419 SHEET 3 OF 10

FIG. 3



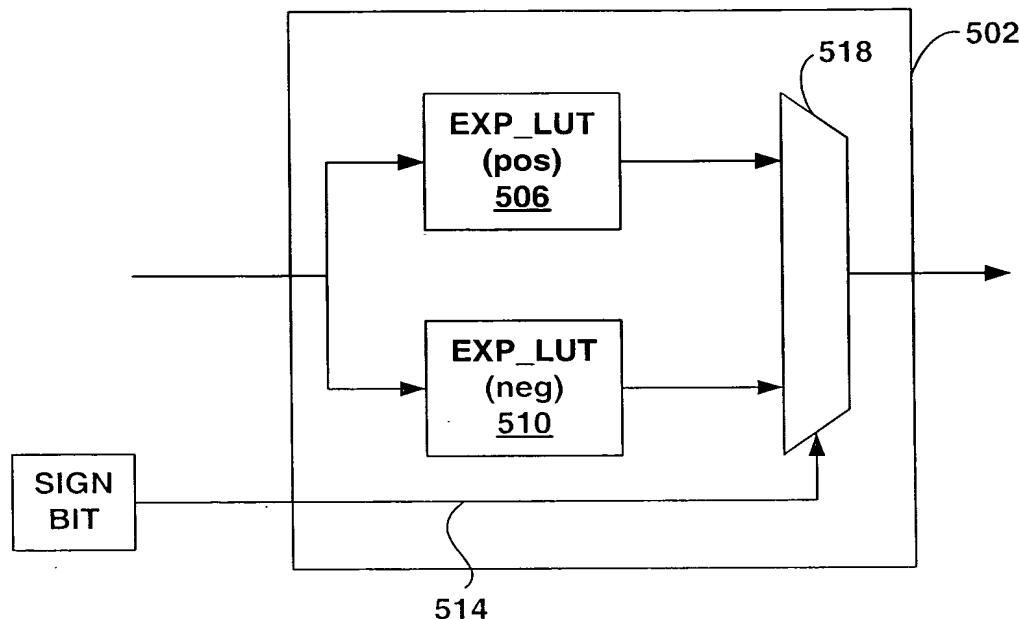
APPLICANT: RAGHU CHALLA  
TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE  
ATTORNEY/AGENT: GEORGE C. PAPPAS  
REG. NO. 35,065 TELEPHONE: (858) 651-1306  
DOCKET NO.: 010419 SHEET 4 OF 10

FIG. 4

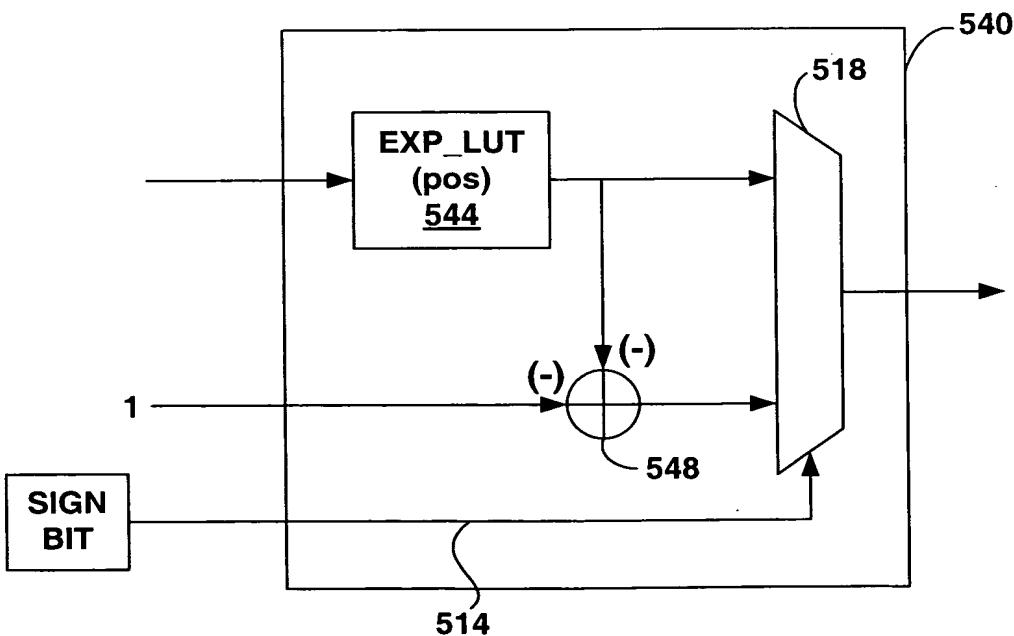


APPLICANT: RAGHU CHALLA  
TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE  
ATTORNEY/AGENT: GEORGE C. PAPPAS  
REG. NO. 35,065 TELEPHONE: (858) 651-1306  
DOCKET NO.: 010419 SHEET 5 OF 10

**FIG. 5A**

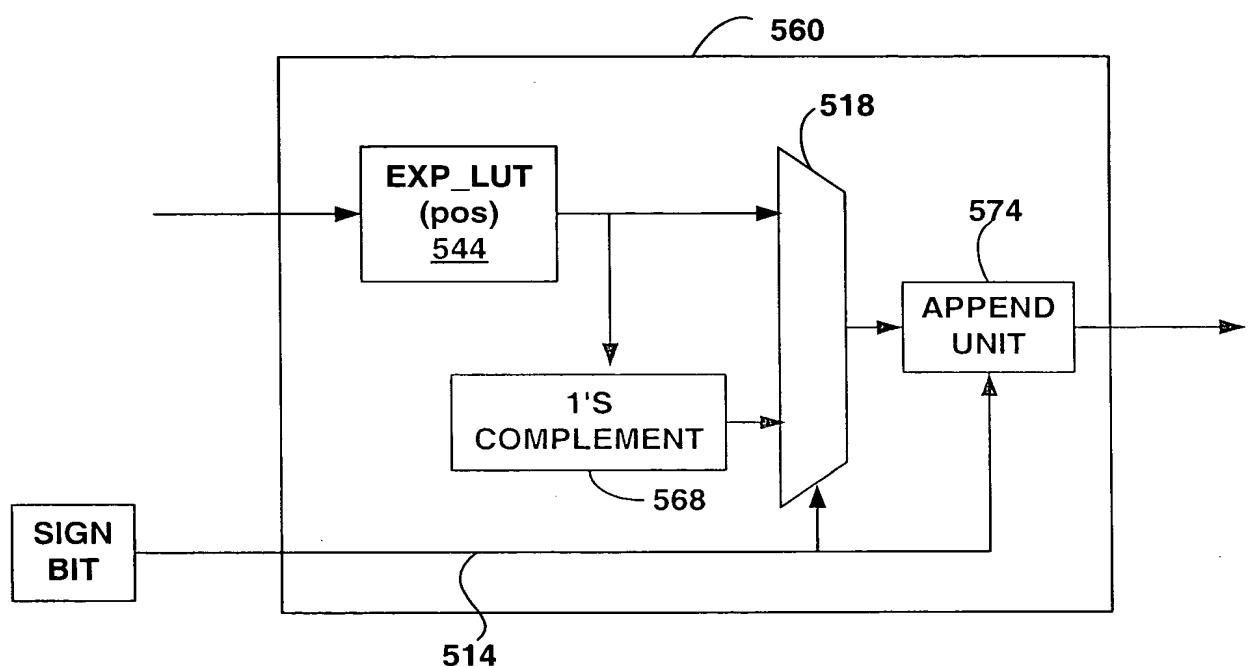


**FIG. 5B**



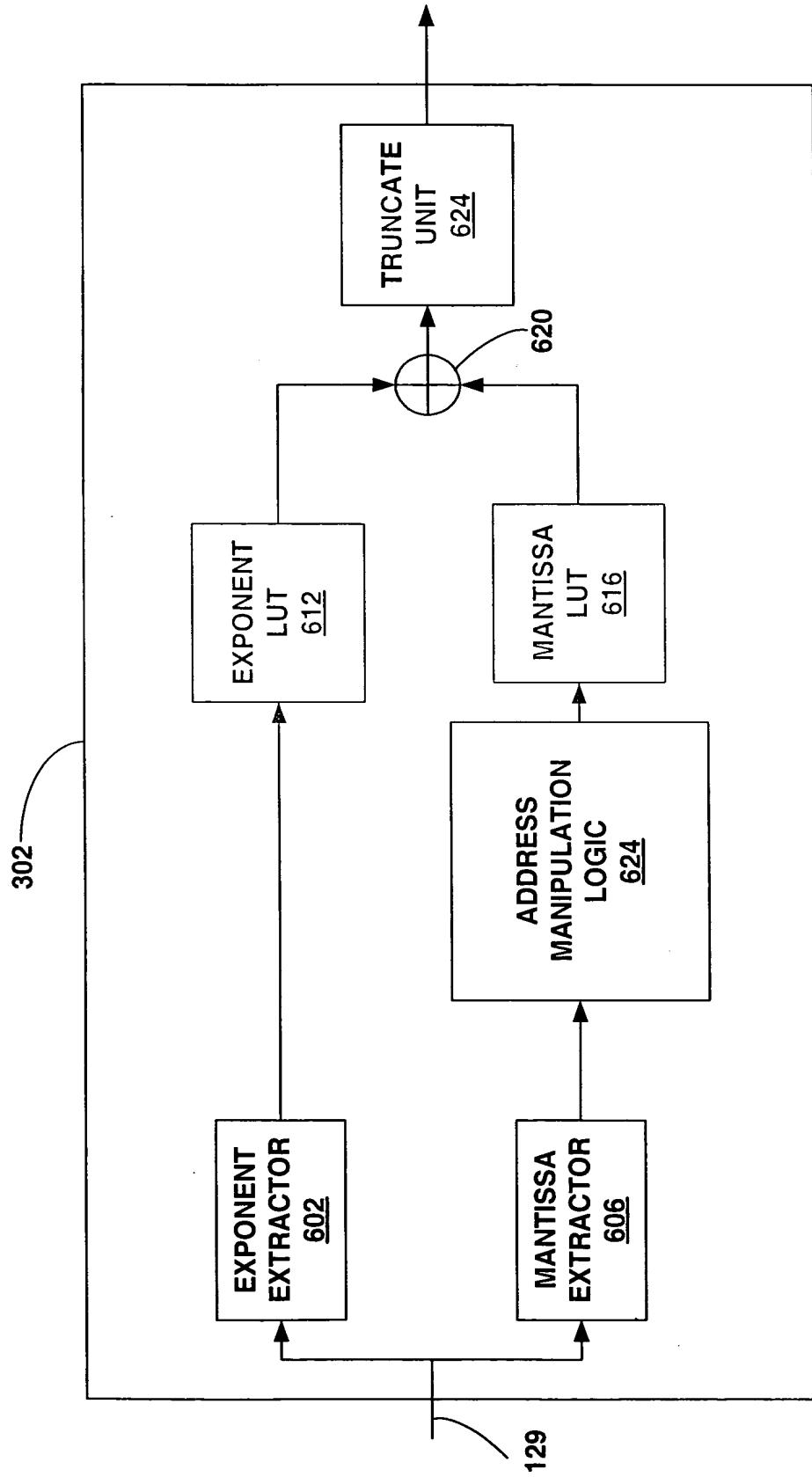
APPLICANT: RAGHU CHALLA  
TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE  
ATTORNEY/AGENT: GEORGE C. PAPPAS  
REG. NO. 35,065 TELEPHONE: (858) 651-1306  
DOCKET NO.: 010419 SHEET 6 OF 10

FIG. 5C



APPLICANT: RAGHU CHALLA  
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FIG. 6



APPLICANT: RAGHU CHALLA  
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REG. NO. 35,065 TELEPHONE: (858) 651-1306  
DOCKET NO.: 010419 SHEET 8 OF 10

FIG. 7A

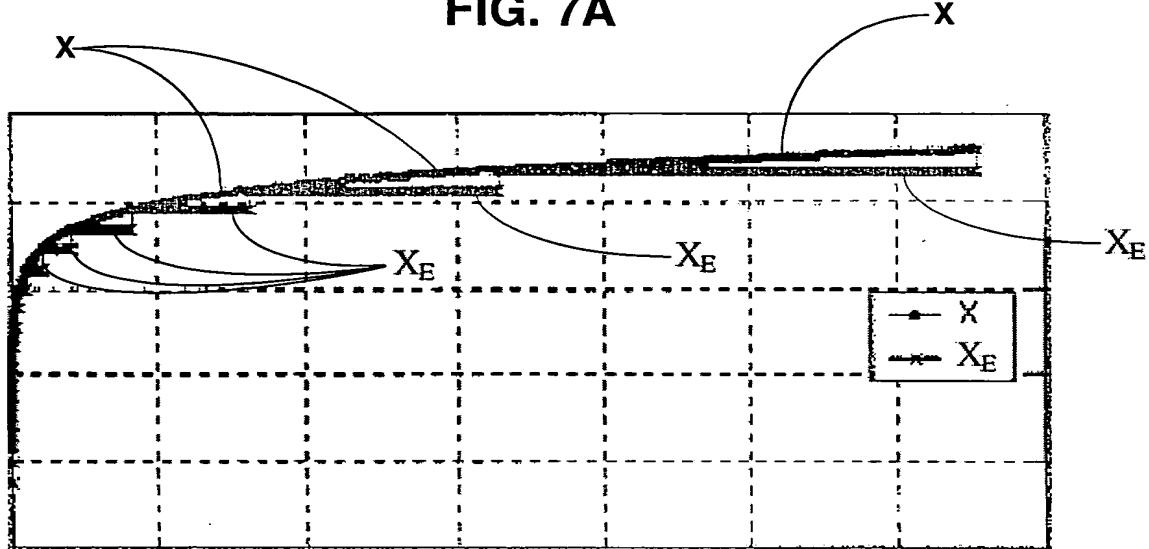
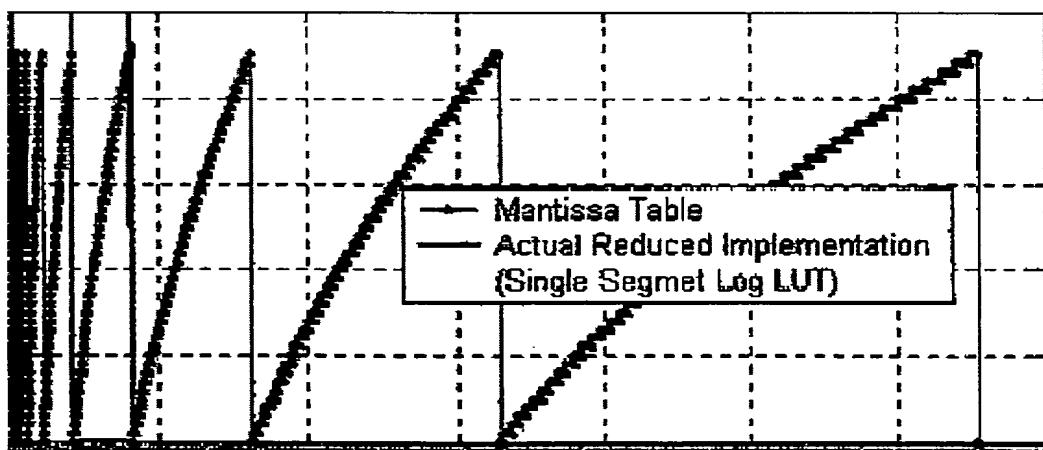
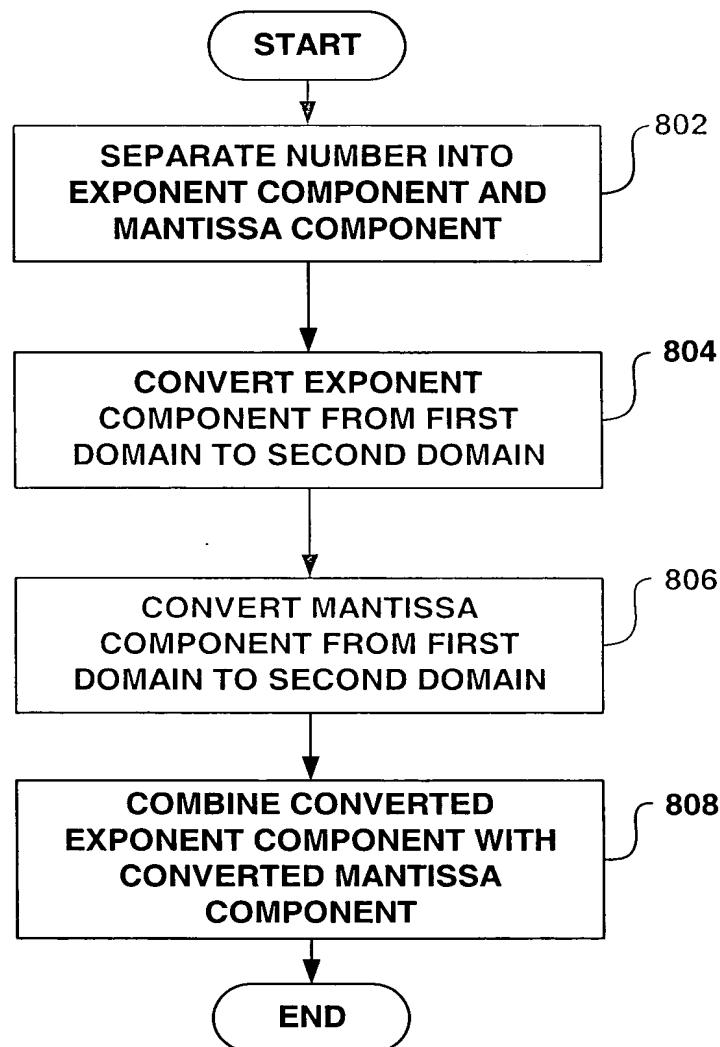


FIG. 7B



APPLICANT: RAGHU CHALLA  
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**FIG. 8**



APPLICANT: RAGHU CHALLA  
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**FIG. 9**

